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% Female Mouse Liver Data
% only one individual data, therefore we can not update the population
uncertainty
% we can only estimate the uncertainty related to this individual
observed data
observed firstT, lastT, firstD, lastD
observed CCC

LI ~ norm(1, 1) I(1e-2, 100)
Vmax ~ unif(-10, 5)
Km ~ unif(-10, 5)

Vk = 0.0

%for gg = 1:2

gg=2

for i = firstD(gg): lastD(gg) % six dose, single data

preds = getpreds(Vmax, Km, Vk, CCC(i), gg)

for j = firstT(gg) : lastT(gg) %six time point
    data(j, i) ~ norm(preds(j), LI)
end

end % of dose loop

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